

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  4197PTWO-ca	<b>FOR FURTHER ACTION</b>  see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No.  PCT/EP2004/051339	International filing date (day/month/year)  02/07/2004	(Earliest) Priority Date (day/month/year)  02/07/2003
Applicant  DANIELI & C. OFFICINE MECCANICHE S.P.A.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/051339

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B22D11/06 B22D11/103

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B22D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/051560 A (ECKERSTORFER GERALD ;HOHENBICHLER GERALD (AT); HOEDL HEINZ (AT); M) 26 June 2003 (2003-06-26) page 10, last paragraph - page 11, paragraph 1; figures 4A,4B -----	1,2,4-6
X	DE 863 119 C (VER LEICHTMETALL WERKE GES MIT) 15 January 1953 (1953-01-15) claims 1-7; figures 1,2 -----	1,2,4,6
Y		5
Y	FR 1 447 139 A (HAGENBURGER CHAMOTTE TON) 29 July 1966 (1966-07-29) page 2, left-hand column, line 38 - right-hand column, line 29; figures 1,2 -----	5
A	US 6 095 233 A (LEABEATER STEPHEN BRUCE ET AL) 1 August 2000 (2000-08-01) figures 6,7 -----	1,6

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

7 March 2005

Date of mailing of the international search report

21/03/2005

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/051339

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03051560	A	26-06-2003	AT 411024 B AT 19612001 A AU 2002358590 A1 BR 0214948 A CA 2470022 A1 WO 03051560 A2 EP 1453626 A2	25-09-2003 15-02-2003 30-06-2003 30-11-2004 26-06-2003 26-06-2003 08-09-2004
DE 863119	C	15-01-1953	NONE	
FR 1447139	A	29-07-1966	NONE	
US 6095233	A	01-08-2000	AU 710986 B2 AU 1361097 A WO 9727015 A1 CA 2242537 A1 CN 1209763 A ,C DE 69712180 D1 DE 69712180 T2 EP 0876232 A1 ID 16461 A JP 11510100 T NZ 325153 A NZ 501130 A US 6453986 B1	07-10-1999 20-08-1997 31-07-1997 31-07-1997 03-03-1999 29-05-2002 26-09-2002 11-11-1998 02-10-1997 07-09-1999 28-01-2000 27-04-2001 24-09-2002